

# Differential Diagnosis & Clinical Analysis

## Angle Class I, bimaxillary protrusion

ORTHODONTIST'S NAME \_\_\_\_\_ CODE: I

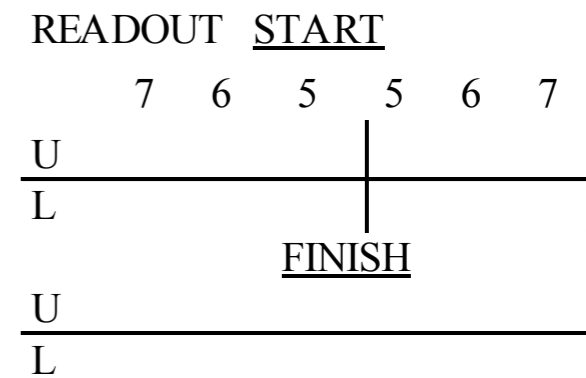
I = TWEED COURSE INSTRUCTOR, M = TWEED MEMBER, A = APPLICANT FOR MEMMBERSHIP

### DIFFERENTIAL DIAGNOSIS AND CLINICAL ANALYSIS

PATIENT'S FIRST NAME: A INI LAST NAME: Y

BEGIN TX. AGE 20 Y 7M SEX F BIRTHDAY 1989 / 3 / 7 TREATMENT TIME: 27 MONTHS

DATE					
	NORMAL	PRE-TX	PROGRESS	FINAL	POST-TX
FMIA	67	35.0		55.0	
FMA	25	25.0		26.0	
IMPA	88	120.0	180.0	99.0	
SNA	82	77.5		77.5	
SNB	80	71.0		71.0	
ANB	2	6.5	0.0	6.5	0.0
AO-BO	2mm	5.5 mm	mm	4.0 mm	mm
OCC PLANE	10	5.0		8.5	
Z ANGLE	75	51.0		70.0	
UPPER LIP		11.0 mm	mm	12.0 mm	mm
TOTAL CHIN		11.5 mm	mm	13.0 mm	mm
POST. FACIAL HT.	45mm	54.0 mm	mm	51.0 mm	mm
ANT. FACIAL HT.	65mm	76.0 mm	mm	75.5 mm	mm
FAC. HT. INDEX	0.69	0.71	#####	0.68	#####
FAC. HT. CHANGE	2:1	XXXX	/	/	/
MAND. CUSPID WIDTH		mm	mm	mm	mm
MAND. MOLAR WIDTH		mm	mm	mm	48.0 mm



DIAGNOSIS:

A. Skeletal : II

B. Dental : I

C. Perio : none

D. Facial : convex

## CRANIAL FACIAL ANALYSIS

	Ceph. Value	Difficulty Factor	Difficulty
<b>Normal Range</b>			
FMA 22-28	25.0	5	0
ANB 1-5	6.5	15	23
Z-ANGLE 70-80	51.0	2	38
OCC. PLANE 8-12	5.0	3	9
SNB 78-82	71.0	5	35
PFH/AFH 0.65-0.75	0.71	3	0
<b>C.F. Difficulty Total</b>			<b>105</b>

E. Habits : none  
 1. Thumb Sucker  
 2. Tongue Thrust  
 3. Bruxism

F. Joint Health : TMD  
 medical history : good

## TOTAL SPACE ANALYSIS

		Difficulty Factor	Difficulty
<b>Anterior</b>			
Tooth Arch Disc.	3.0	1.5	4.5
Headfilm Disc.	20.0	1	20.0
<b>Total</b>	<b>23.0</b>		
<b>Mid Arch</b>			
Tooth Arch Disc.	2.0	1.0	2.0
Curve of Spee	1.0	1.0	1.0
<b>Total</b>	<b>3.0</b>		
Horizontal Occlusal Disharmony (Class II or Class III)	2.0	2.0	4.0
<b>Posterior</b>			
Tooth Arch Disc.	22.0		
(-)-expected Inc.	0.0		
<b>Total</b>	<b>22.0</b>	0.5	11.0
<b>Space Analysis Total</b>	<b>48.0</b>	<b>Space Analysis Difficulty Total</b>	<b>42.5</b>

TRERATMENT PLANNING, TIMING  
 EXTRACTIONS:

MAXILLARY

RIGHT 4 LEFT 4

MANDIBULAR

RIGHT 4 LEFT 4

( Please Indicate Missing Teeth )

### DIFFICULTY INDEX :

Mild 0 - 60

Moderate 60 - 120

Severe over 120

<b>C.F. Difficulty Total</b>	<b>104.5</b>
<b>Space Analysisi Difficulty Total</b>	<b>42.5</b>
<b>Total Difficulty</b>	<b>147.0</b>

# Oral Photos



Pre Treatment



Post Treatment

# Oral Photos



Pre Treatment



Post Treatment

# Panorama X ray Photos



Pre Treatment



Post Treatment

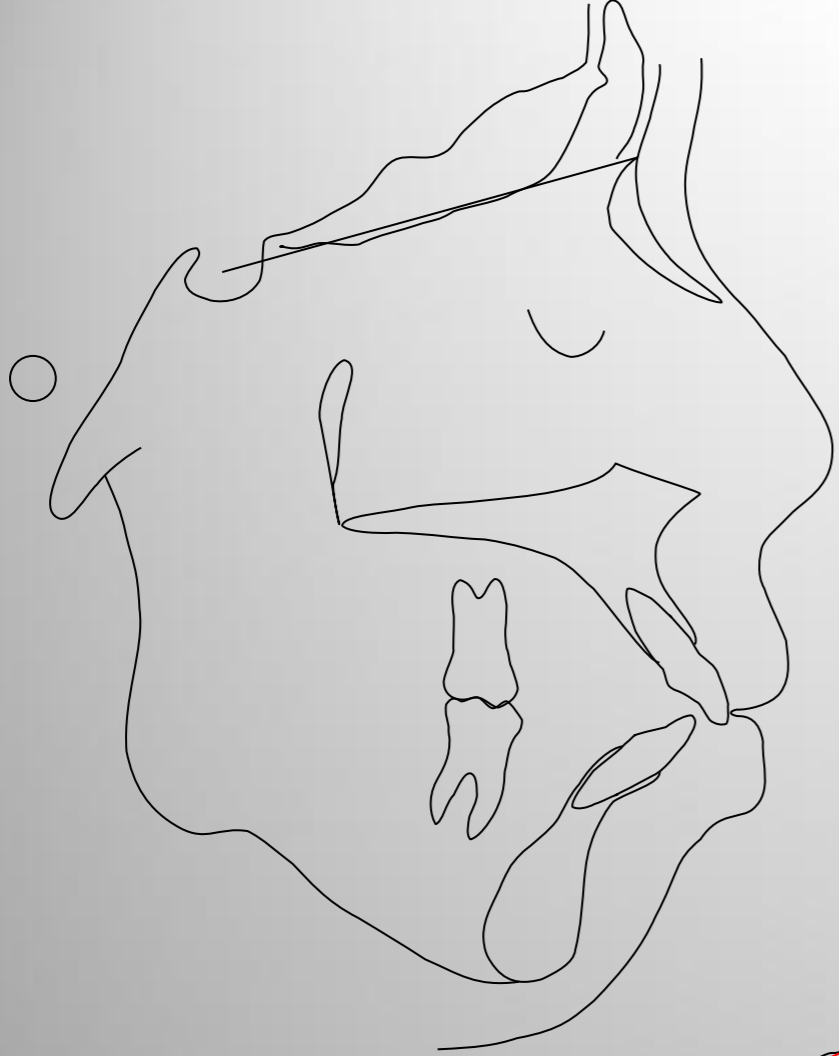
# Cephalo X ray Photos



Pre Treatment



Post Treatment



Pre-treatment —  
Post-treatment —

